
Abstract

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This invention relates to fibre reinforced plastic ("FPR") roofing materials with a sandwich structure. A pair of sheets of FRP are arranged with a gap between them, and a rib structure which joins the sheets is interposed. Further, this invention relates to a method for producing FRP roofing material in which channels are provided in the core material and a reinforcing fibre impregnated with a resin is distributed through these channels. A preferred joint structure for the roofing material is to use butt joints and to provide a connecting layer extending across the surfaces of both ends of the sandwich structures. A layer containing a resin distribution medium is provided between the abutting end faces. This invention overcomes various problems of conventional joint structures, permitting the ends of the sandwich structures to be easily, firmly and cheaply joined together, ensuring high joint strength and rigidity, while achieving excellent appearance.
